

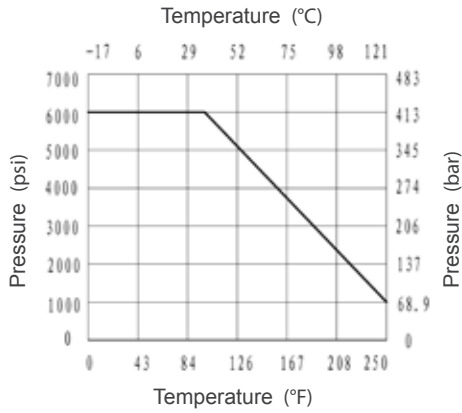
# Ball Valves

## ■ BV615 SERIES BALL VALVES



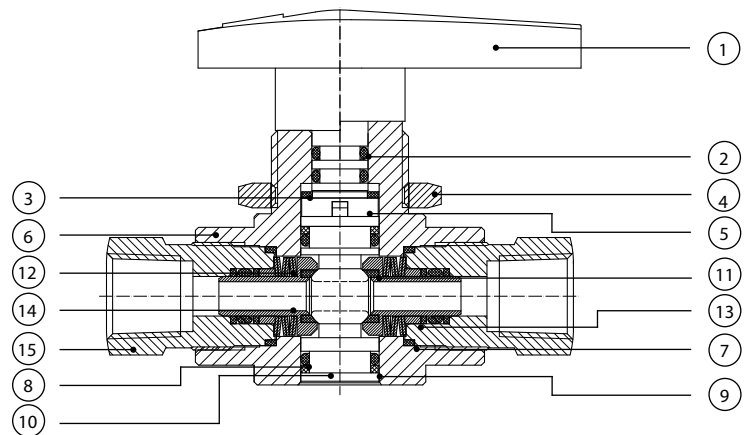
### ■ Features

- Maximum operating pressure: 6000 psi (415 bar)
- Operating temperature: 1.4°F ~ 250°F (-17°C ~ 121°C)
- Handle indicates flow direction
- End connections: GENLOK and Female NPT  
(please refer to the specification tables for available dimensions)
- Panel mounting available
- Cleaned and degreased for oxygen service according to CGA G-4.1 and ASTM G93 Class C, respectively
- Every valve is factory tested for leakage with Nitrogen at 6000 psi



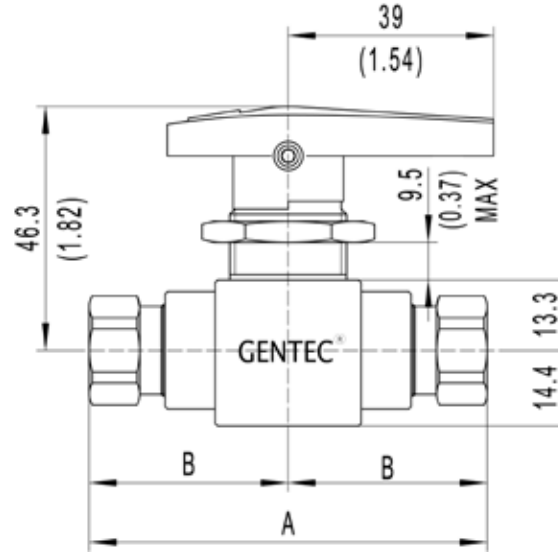
### ■ Materials of Construction

Components	Material
1 Handle	Nylon
2 O-ring	Fluororubber
3 Spacer	Enhanced PTFE
4 Mounting Nut	316 SS
5 Upper Valve Stem	316 SS
6 Valve Body	316 SS
7 End Screw Seal Ring	Enhanced PTFE
8 O-ring	Fluororubber
9 Stop Collar	Enhanced PTFE
10 Bottom Valve Stem	316 SS
11 Valve Base	PCTFE
12 Resilient Pad	60Si2Mn
13 Stop Collar	Enhanced PTFE
14 Valve Base Shelf	316 SS
15 End Threaded Fitting	316 SS



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### Dimensions



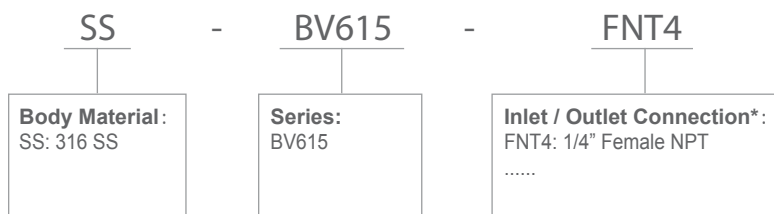
#### Metric

Model	Orifice (mm)	CV	Connection Type		Dimension (mm)		Panel Mounting Hole Diameter(mm)
			Inlet	Outlet	A	B	
SS-BV615-TF6M	4.8	1.6	6mm GENLOK		105	52.6	23.2
SS-BV615-TF8M	4.8	1.5	8mm GENLOK		105	52.6	23.2
SS-BV615-TF10M	4.8	1.3	10mm GENLOK		112	56.0	23.2
SS-BV615-TF12M	4.8	1.0	12mm GENLOK		117	58.5	23.2

#### English Units

Model	Orifice (in.)	CV	Connection Type		Dimension (in.)		Panel Mounting Hole Diameter (in.)
			Inlet	Outlet	A	B	
SS-BV615-FNT2	0.187	1.2	1/8" Female NPT		2.94	1.47	0.91
SS-BV615-FNT4	0.187	1.0	1/4" Female NPT		2.93	1.47	0.91
SS-BV615-TF4	0.187	1.6	1/4" GENLOK		4.14	2.07	0.91
SS-BV615-TF6	0.187	1.4	3/8" GENLOK		4.39	2.19	0.91
SS-BV615-TF8	0.187	1.0	1/2" GENLOK		4.60	2.30	0.91

### Ordering Information



\* Specifications listed in table above change to. Please refer to the chart above for the available specifications for the desired connection type.